

Table 5-16: Emissions from Agricultural Residue Burning (Gg)*

| Gas/Crop Type | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CH₄ | 33 | 30 | 36 | 29 | 38 | 31 | 36 | 36 | 37 | 36 | 37 |
| Wheat | 7 | 5 | 6 | 6 | 6 | 5 | 5 | 6 | 6 | 5 | 5 |
| Rice | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 3 | 3 |
| Sugarcane | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Corn | 13 | 13 | 16 | 11 | 17 | 13 | 16 | 16 | 17 | 16 | 17 |
| Barley | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | + | 1 |
| Soybeans | 7 | 7 | 8 | 7 | 9 | 8 | 9 | 10 | 10 | 10 | 10 |
| Peanuts | + | + | + | + | + | + | + | + | + | + | + |
| N₂O | 1 |
| Wheat | + | + | + | + | + | + | + | + | + | + | + |
| Rice | + | + | + | + | + | + | + | + | + | + | + |
| Sugarcane | + | + | + | + | + | + | + | + | + | + | + |
| Corn | + | + | + | + | + | + | + | + | + | + | + |
| Barley | + | + | + | + | + | + | + | + | + | + | + |
| Soybeans | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Peanuts | + | + | + | + | + | + | + | + | + | + | + |
| CO | 685 | 640 | 753 | 605 | 807 | 656 | 747 | 761 | 781 | 760 | 786 |
| Wheat | 137 | 99 | 124 | 120 | 116 | 109 | 114 | 124 | 128 | 115 | 111 |
| Rice | 81 | 82 | 84 | 78 | 103 | 80 | 85 | 66 | 58 | 69 | 69 |
| Sugarcane | 18 | 20 | 20 | 20 | 20 | 20 | 19 | 21 | 22 | 23 | 24 |
| Corn | 282 | 266 | 337 | 225 | 358 | 263 | 328 | 328 | 347 | 336 | 355 |
| Barley | 16 | 17 | 17 | 15 | 14 | 13 | 15 | 13 | 13 | 10 | 12 |
| Soybeans | 148 | 153 | 168 | 144 | 193 | 167 | 183 | 207 | 211 | 204 | 213 |
| Peanuts | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| NO_x | 28 | 27 | 31 | 26 | 34 | 29 | 32 | 34 | 35 | 34 | 35 |
| Wheat | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Rice | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 2 |
| Sugarcane | + | + | + | + | + | + | + | + | + | + | + |
| Corn | 7 | 6 | 8 | 5 | 9 | 6 | 8 | 8 | 8 | 8 | 9 |
| Barley | 1 | 1 | 1 | + | + | + | + | + | + | + | + |
| Soybeans | 14 | 14 | 16 | 14 | 18 | 16 | 17 | 20 | 20 | 19 | 20 |
| Peanuts | + | + | + | + | + | + | + | + | + | + | + |

* Full molecular weight basis.

+ Does not exceed 0.5 Gg

Note: Totals may not sum due to independent rounding.